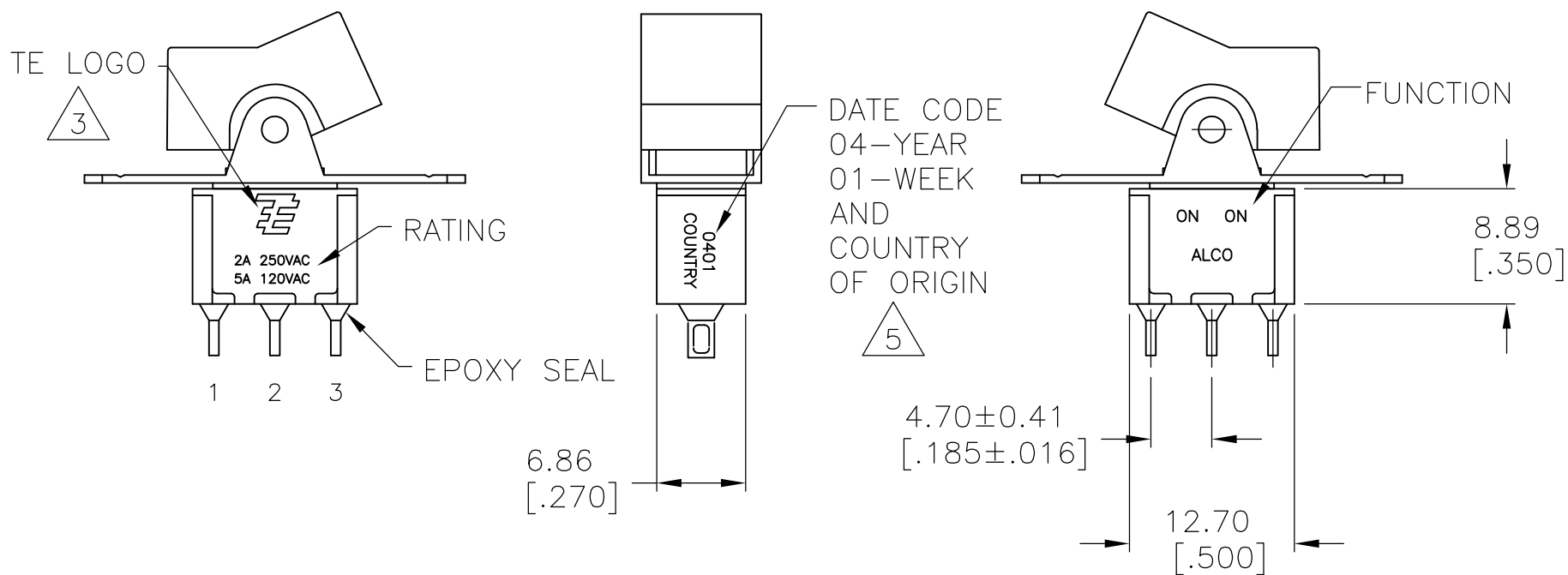


D

C

B

A



FUNCTION CHART

FUNCTION			
	1 2 3	1 2 3	1 2 3
01	ON	NONE	ON
03	ON	OFF	ON
05	(ON)	OFF	(ON)
07	ON	OFF	(ON)
08	ON	NONE	(ON)
TERMINALS CONNECTED	2-3	---	1-2
NONE: NO MECHANICAL POSITION OFF: MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION (ON): MOMENTARY ACTION			

SPECIFICATIONS

RATING, B CONTACTS	.4VA MAX @20V MAX. AC OR DC
RATING, G CONTACTS-SEE NOTE 2	.4VA MAX @20V MAX. AC OR DC OR 5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
RATING, Q CONTACTS	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
ELECTRICAL LIFE	6,000 CYCLES AT RATED LOAD
CONTACT RESISTANCE	10 MILLIOHMS MAX INITIAL @ 2-4VDC, 100MA
INSULATION RESISTANCE	1,000 MEGOHMS MIN
DIELECTRIC WITHSTANDING VOLTAGE	1,000 V RMS AT SEA LEVEL
OPERATING TEMPRATURE	-30C TO 85C

- 1 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
- 2 G CONTACT OPTION CAN BE USED FOR SIGNAL OR POWER LEVEL SWITCHING. IF SWITCH IS USED AT LEVELS EXCEEDING .4VA @ 20V AC/DC, SWITCH IS RENDERED FOR POWER SWITCHING ONLY DUE TO ARC REMOVAL OF GOLD PLATING. RATING MARKED ON SWITCH IS 2A 250VAC, 5A 120VAC.
- 3 TE CONNECTIVITY LOGO PER PER TEC-202-36.
- 5 DATE CODE AND COUNTRY OF ORIGIN MAY APPEAR ON EITHER SIDE OF SWITCH.
- 6 PANEL MOUNT BRACKET SUPPLIED WITH TERMINALS W, Z AND Z3 ONLY.
- 7 ACTUATOR MARKED 0 -
- 8 ACTUATOR MARKED - 0
- 9 ACTUATOR MARKED -
- 10 ALL LOGO, RATING, DATE CODE, AND FUNCTION MARKINGS TO BE LASER MARKED.
- 11 OBSOLETE
- 12 GRAY ACTUATOR WITH MODIFIED BRACKET (SUPPORT BRACKET TRIMMED PARALLEL TO THE PCB)

PART NUMBER SEQUENCE CHART

MODEL	FUNCTION	ACTUATOR	TERMINAL	CONTACT	ACTUATOR COLOR	BEZEL COLOR	ROHS
A1							04
	01	J1	A	B	0 BLACK (STD)	0 BLACK (STD)	
	03	J3	AV2	G	1 BROWN	1 BROWN	
	05	J50	C	Q	2 RED	2 RED	
	07	J51	V3		3 ORANGE	3 ORANGE	
	08	J52	V4		4 YELLOW	4 YELLOW	
		J2	V6		5 GREEN	5 GREEN	
		J4	V7		6 BLUE	6 BLUE	
		J60	W		8 GRAY	8 GRAY	
		J61	W4		9 WHITE	9 WHITE	
		J62	Z				
			Z3				

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± 0.25[0.01]
4 PLC ± -
ANGLES ± 4°
FINISH
-

DWN
M.BINNER
06JAN05

CHK
M.ZITTO
06JAN05

APVD
M.ZITTO
06JAN05

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME
GEMINI A SERIES ROCKER SWITCH
SINGLE POLE
-

SIZE
A2

CAGE CODE
00779

DRAWING NO
1571986

RESTRICTED TO
-

SCALE
2:1

SHEET
1 of 5

REV
A11

D

C

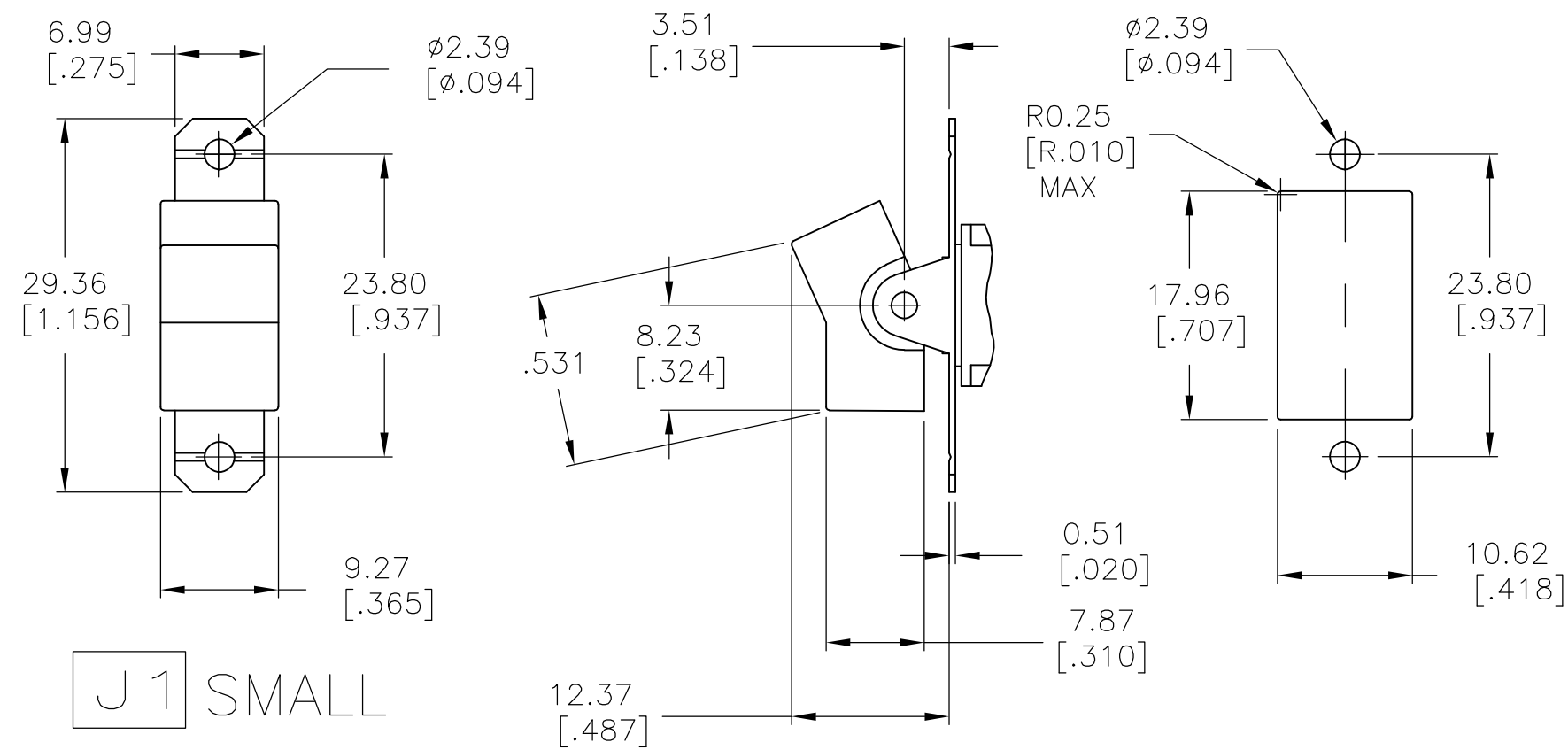
B

A

1571986

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

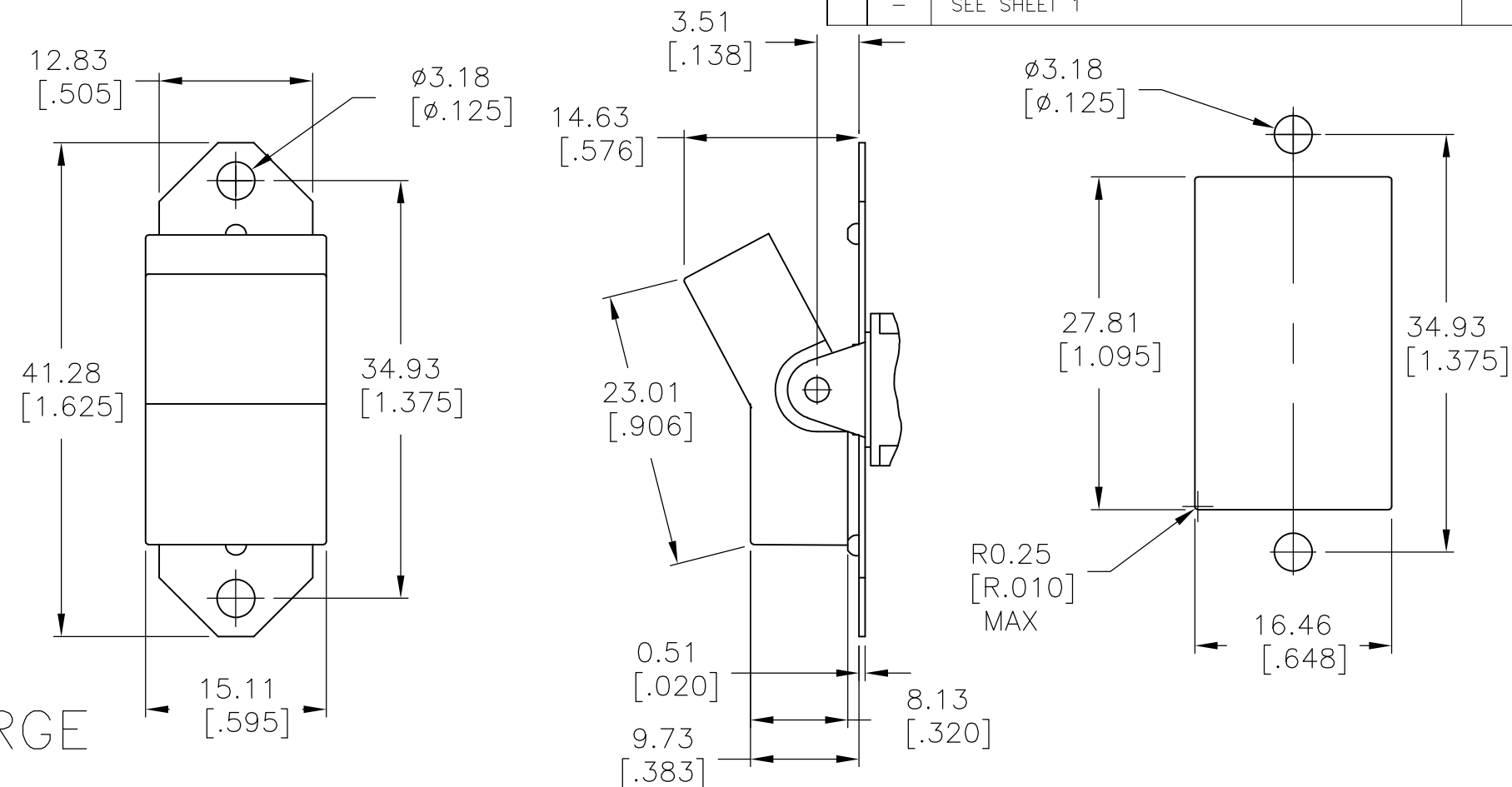
D



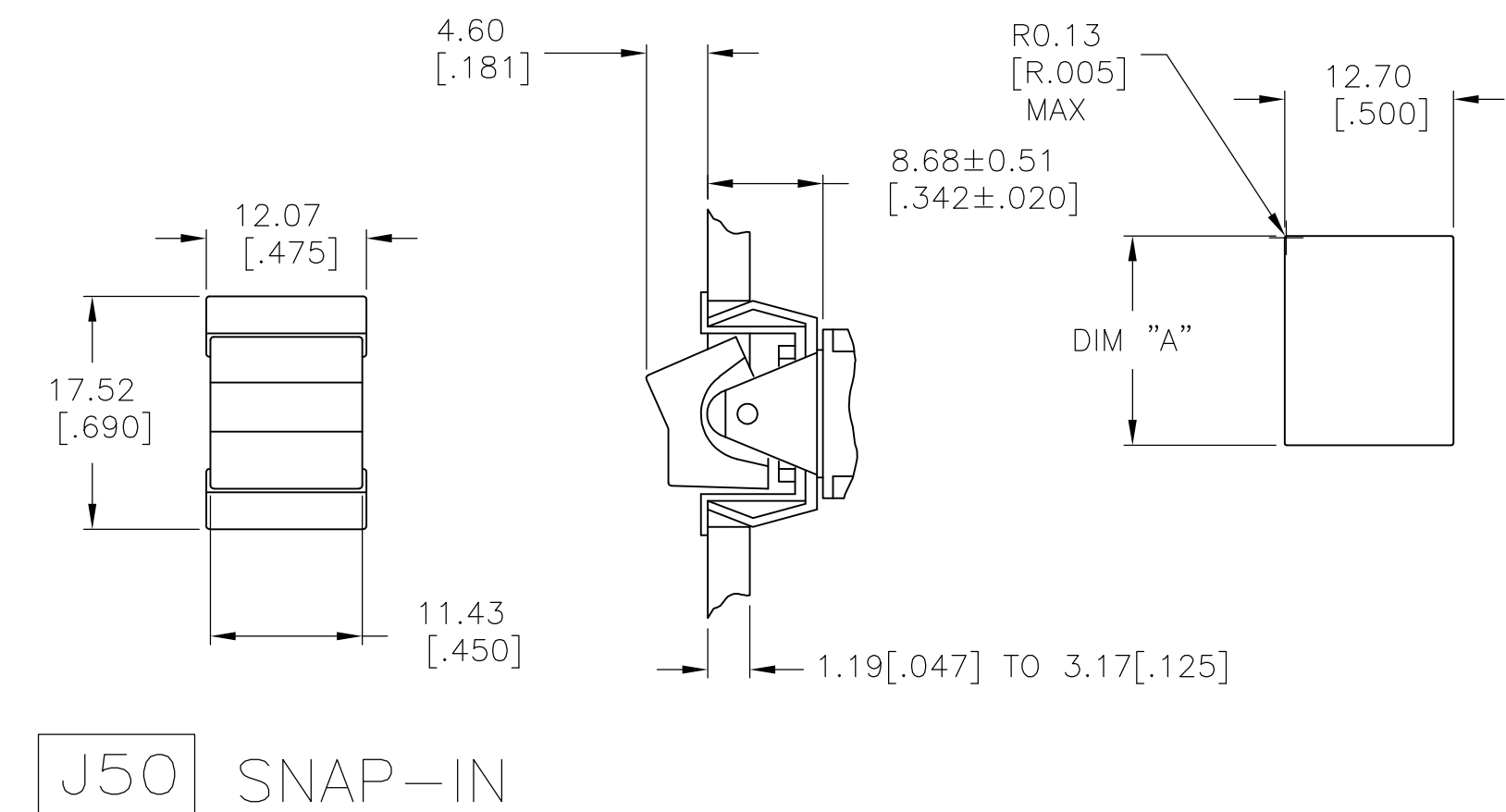
J1 SMALL

C

J3 LARGE

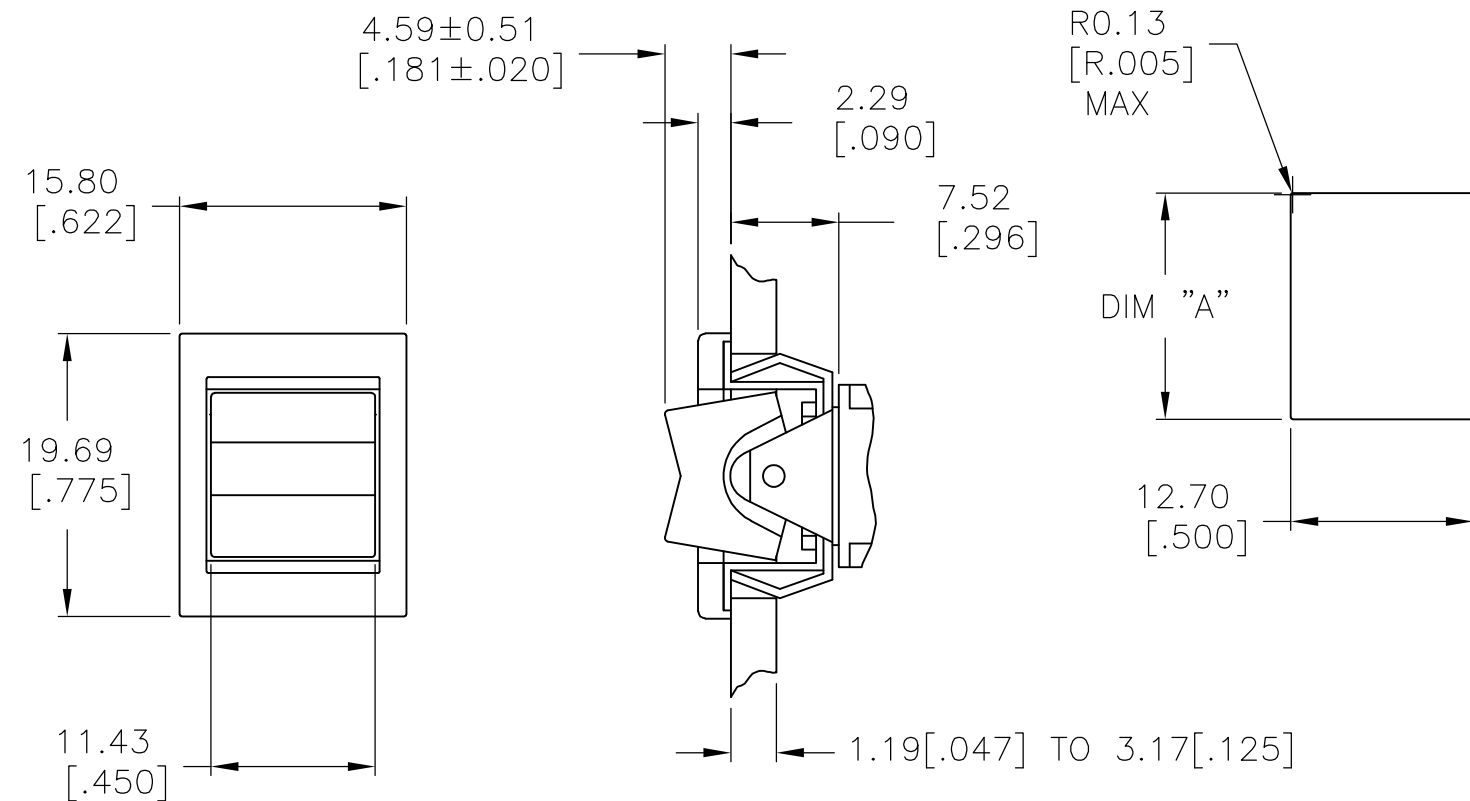


B

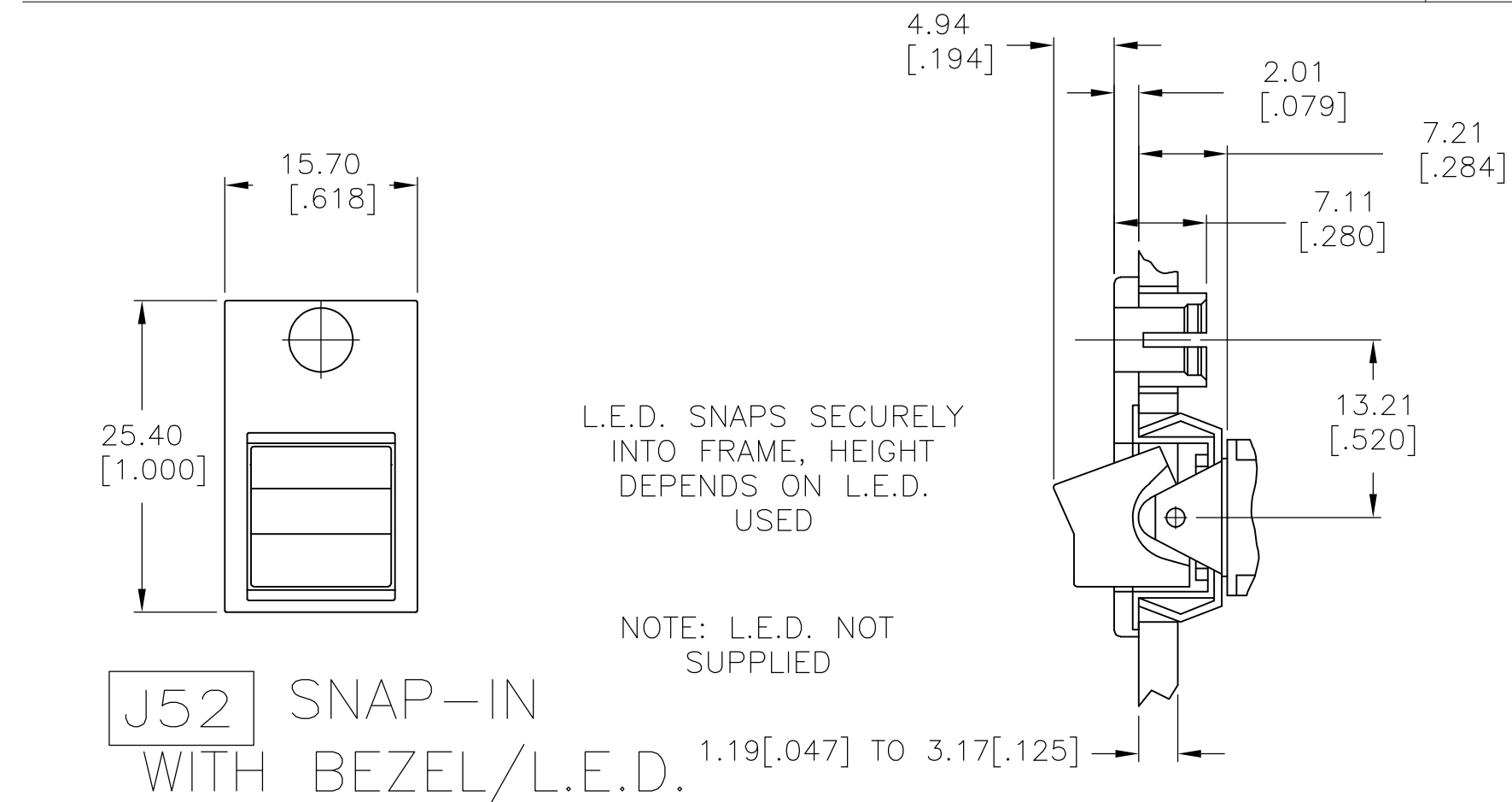


J50 SNAP-IN

J51 SNAP-IN WITH BEZEL



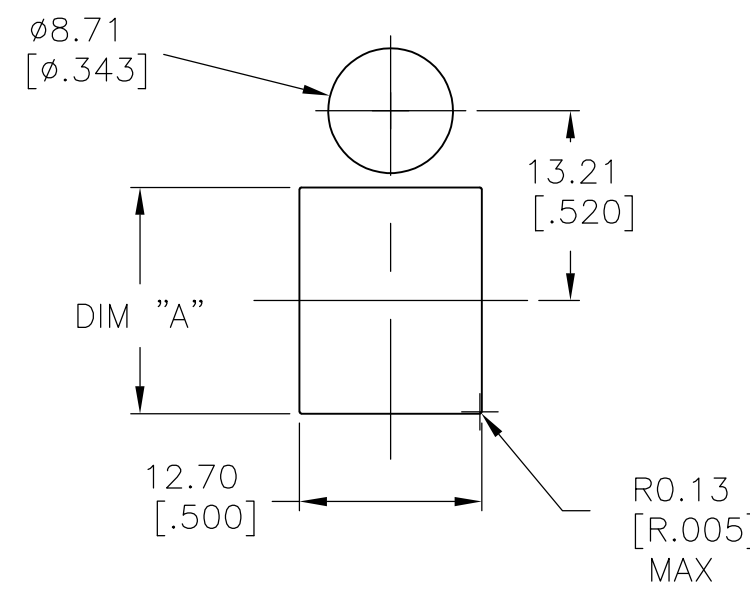
A



J52 SNAP-IN WITH BEZEL/L.E.D.

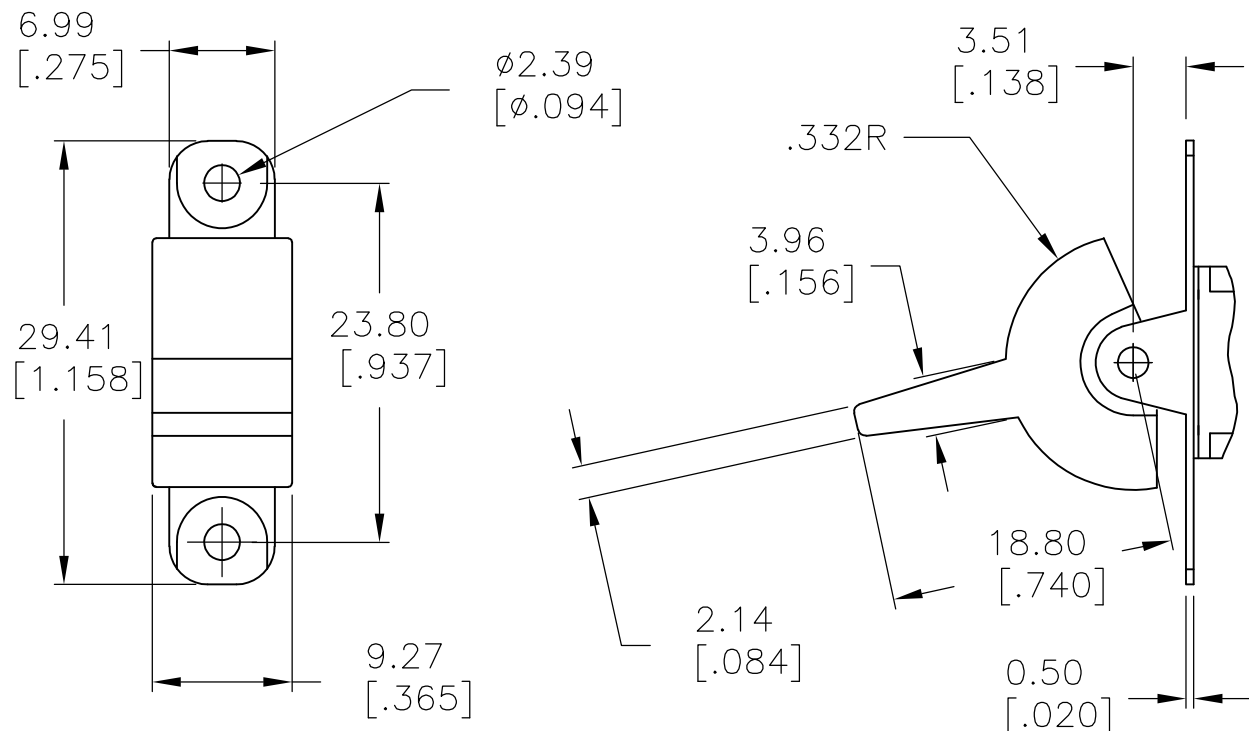
L.E.D. SNAPS SECURELY INTO FRAME, HEIGHT DEPENDS ON L.E.D. USED

NOTE: L.E.D. NOT SUPPLIED

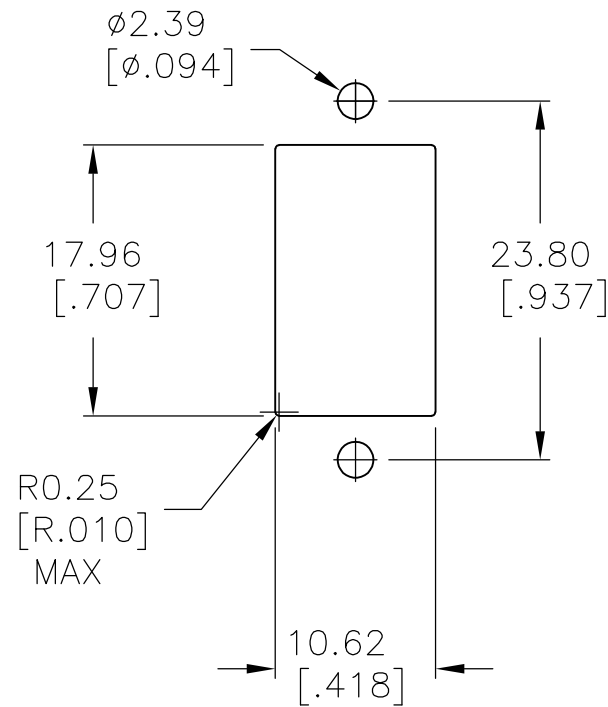


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 06JAN05	TE Connectivity				
DIMENSIONS: mm [INCHES]		CHK M.ZITTO 06JAN05					
		APVD M.ZITTO 06JAN05				NAME GEMINI A SERIES ROCKER SWITCH SINGLE POLE	
		PRODUCT SPEC —					
		APPLICATION SPEC —					
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± 0.25[0.01] 4 PLC ± — ANGLES ± 4°		WEIGHT —	SIZE A2	CAGE CODE 00779	DRAWING NO C=1571986	RESTRICTED TO —	
MATERIAL —		CUSTOMER DRAWING			SCALE 2:1	SHEET 2 of 5	REV A11

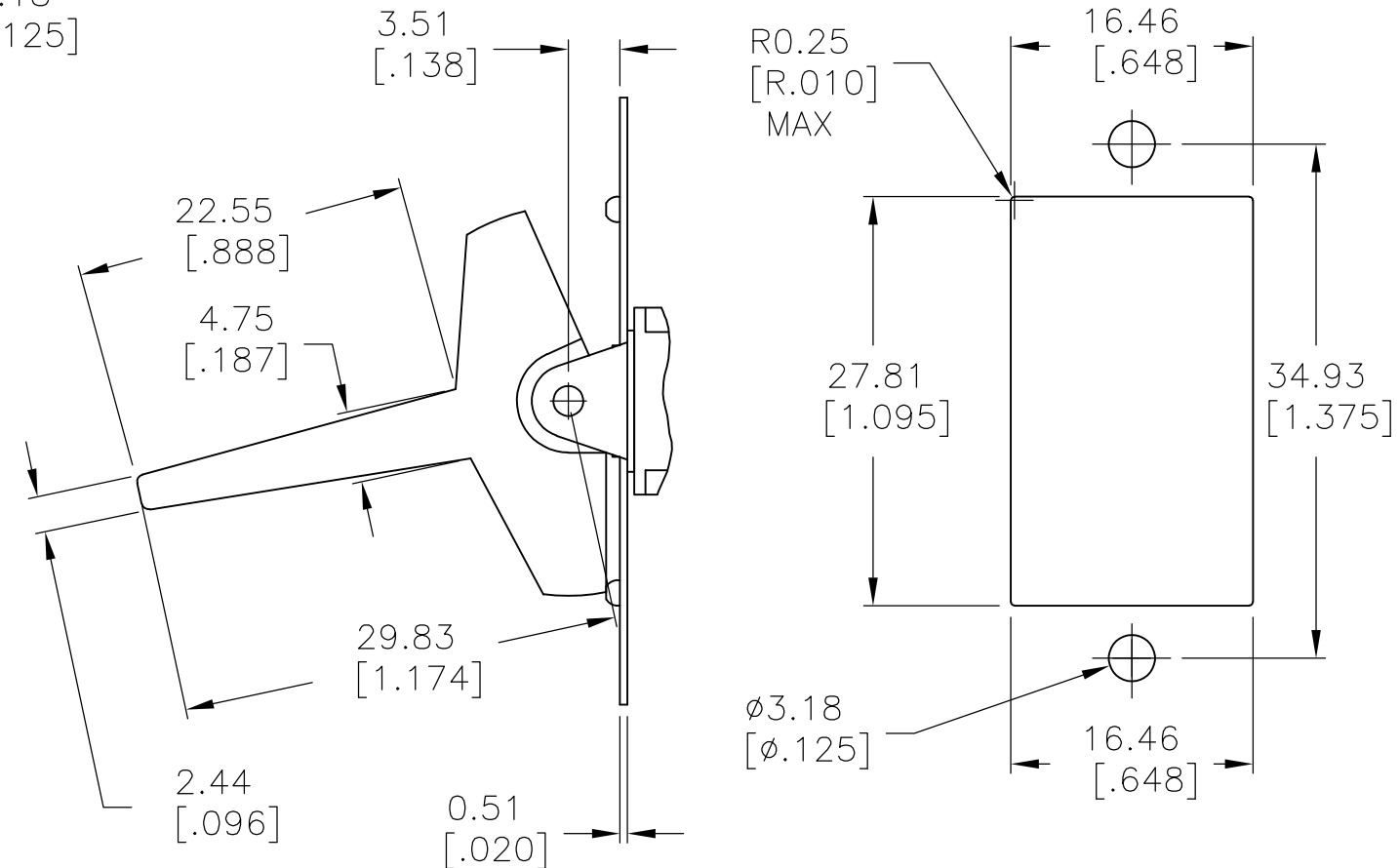
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



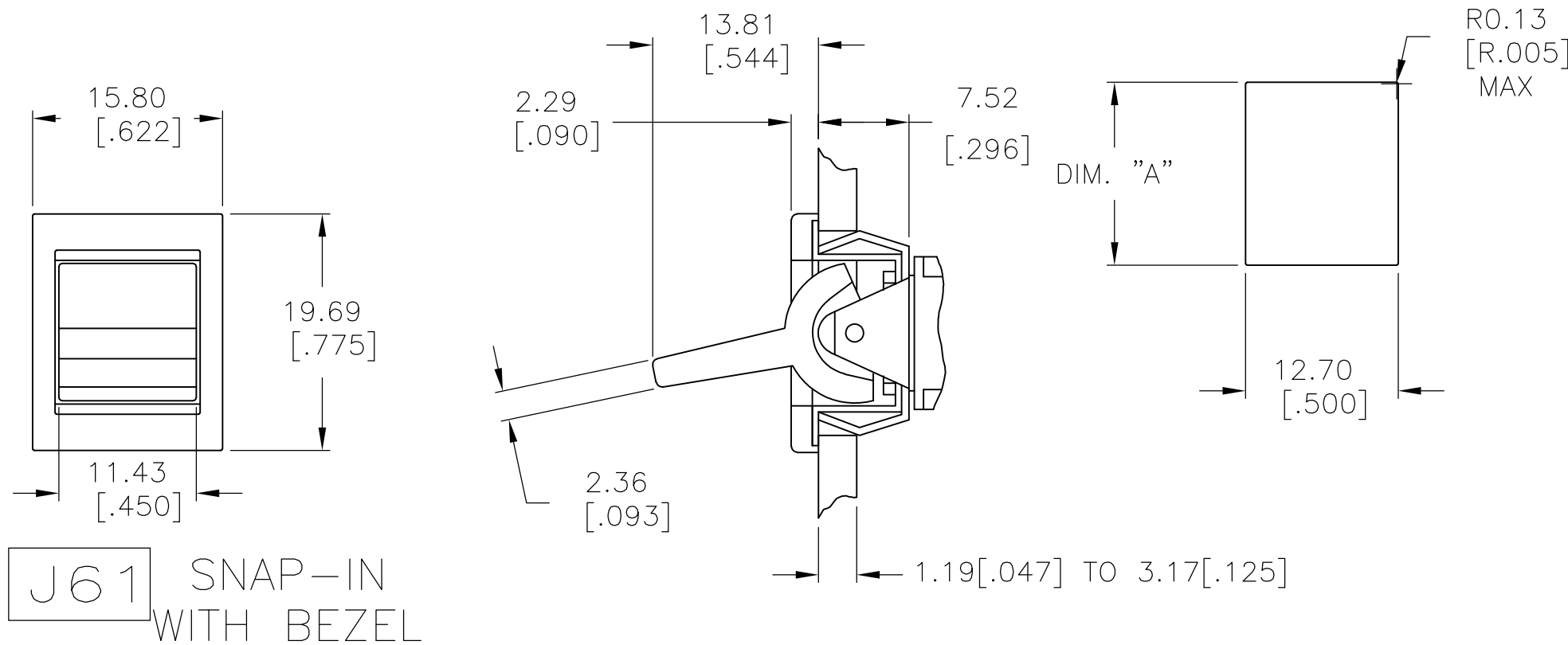
J2 SMALL



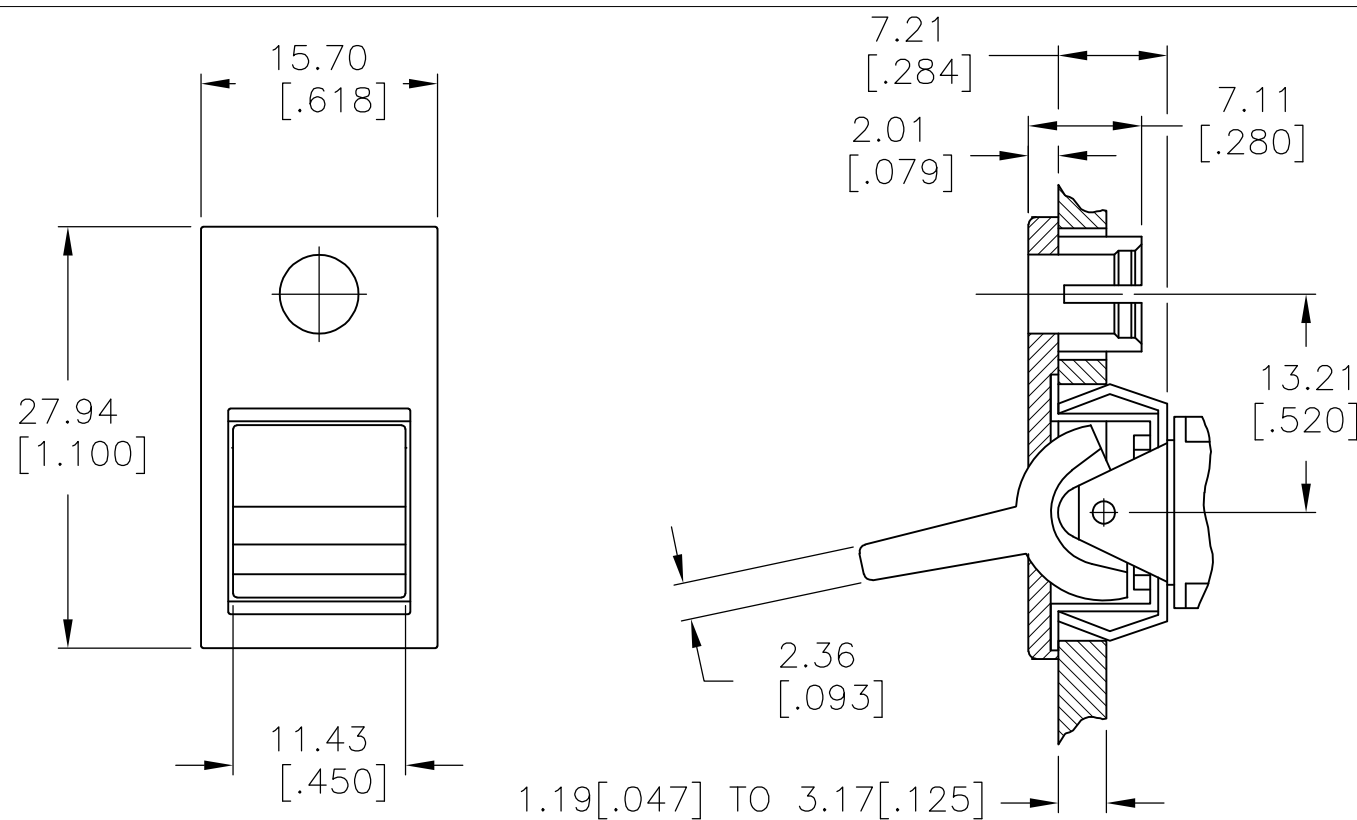
J4 LARGE



J60 SNAP-IN

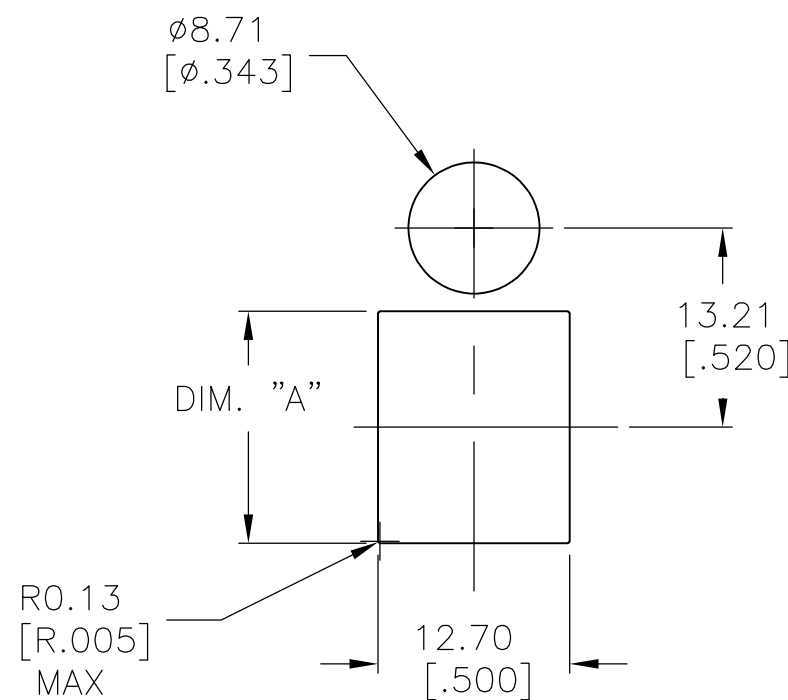


J61 SNAP-IN WITH BEZEL

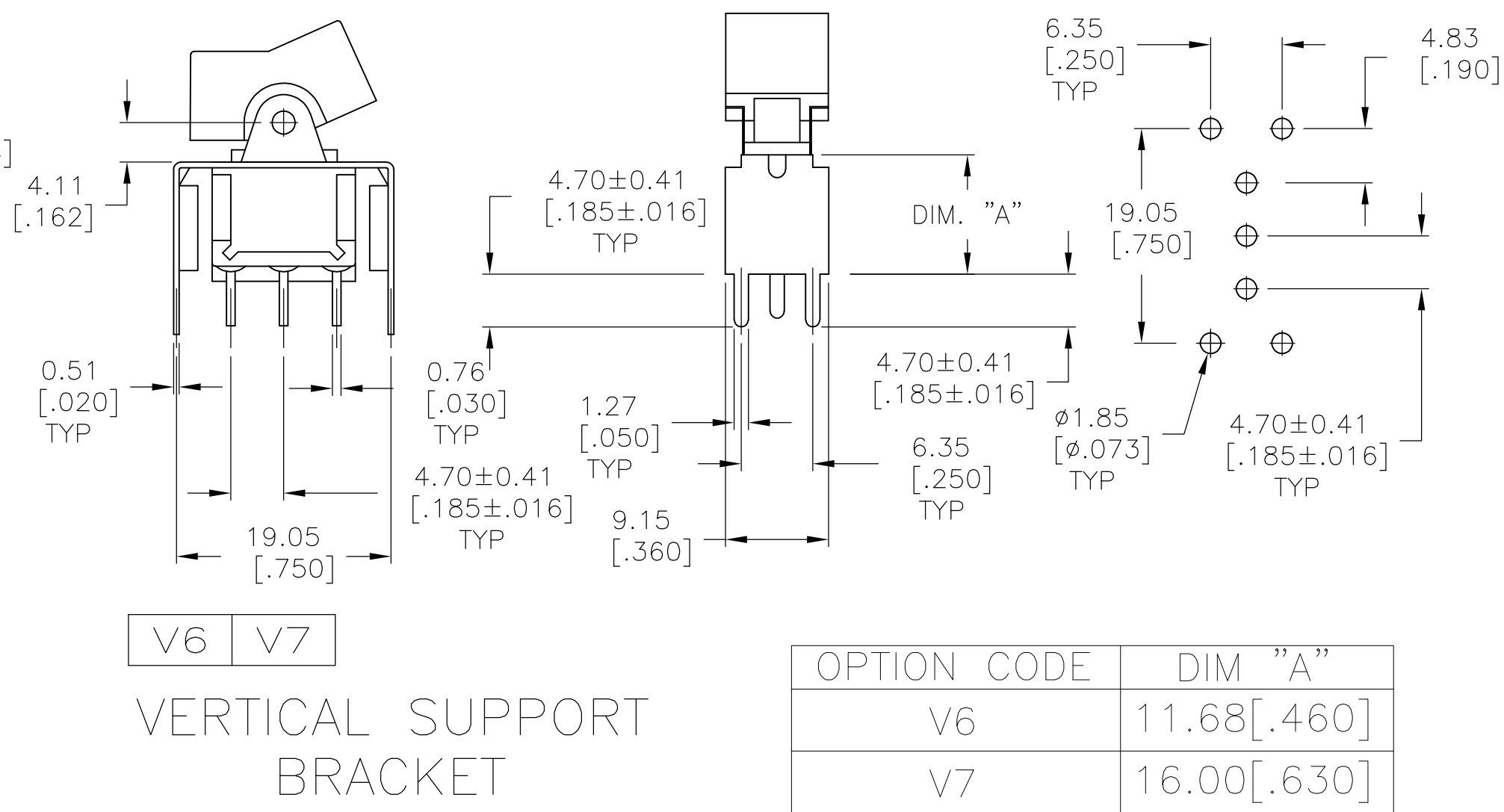
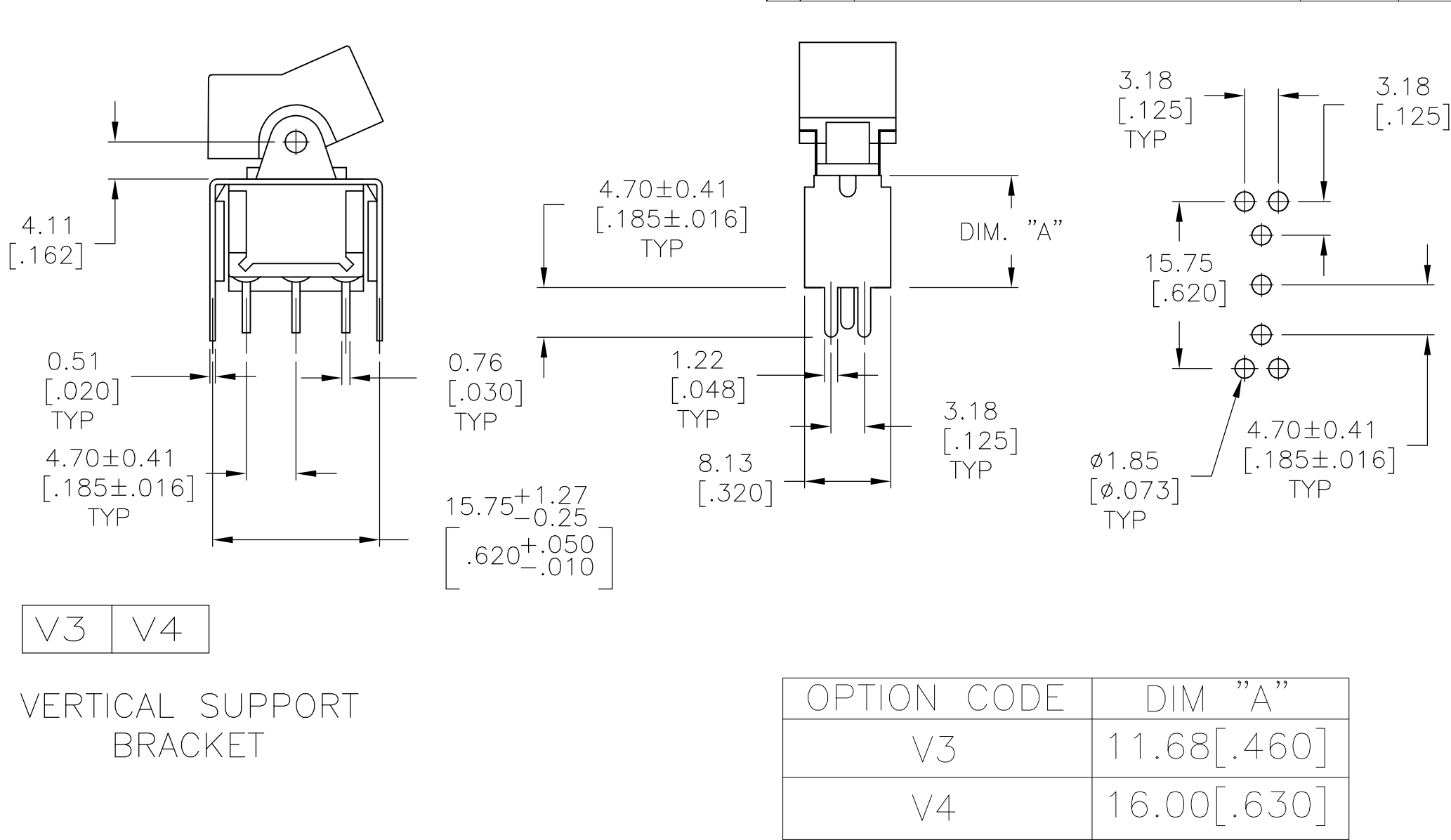


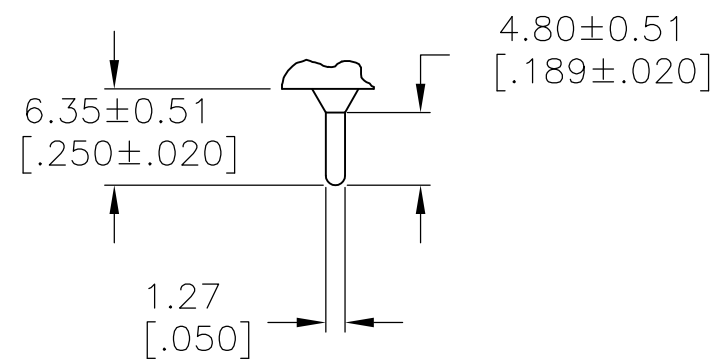
J62 SNAP-IN WITH BEZEL/L.E.D.

NOTE: L.E.D. NOT SUPPLIED



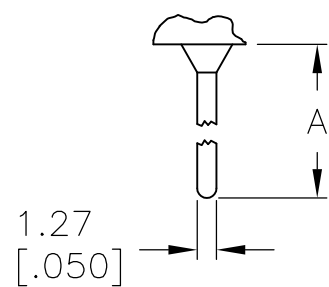
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 06JAN05	TE Connectivity		
DIMENSIONS: mm [INCHES]		CHK M.ZITTO 06JAN05			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M.ZITTO 06JAN05	NAME GEMINI A SERIES ROCKER SWITCH SINGLE POLE		
0 PLC ± -		PRODUCT SPEC			
1 PLC ± -		APPLICATION SPEC	SIZE A2		
2 PLC ± -		WEIGHT			
3 PLC ± 0.25[0.01]		CAGE CODE 00779	DRAWING NO 1571986		
4 PLC ± -		RESTRICTED TO			
ANGLES ± 4°		SCALE 2:1	SHEET 3 OF 5		
FINISH		REV A11			





.030 THK.

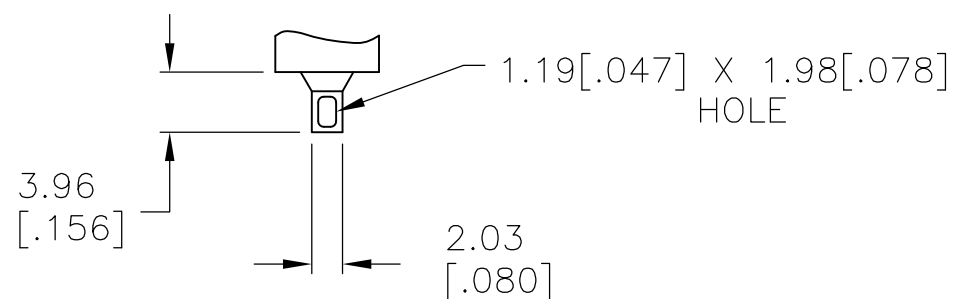
C PRINTED CIRCUIT



.030 THK.

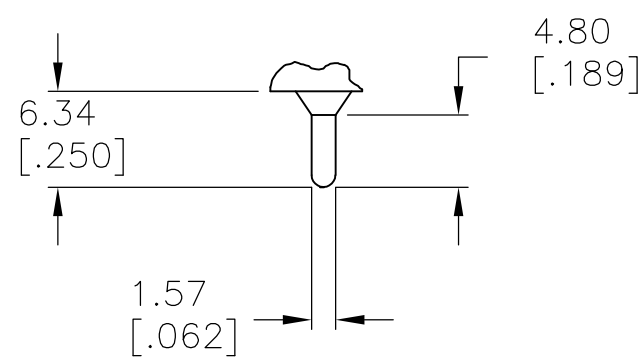
OPTION	DIM A
W	18.69[.736]
W4	26.97[1.062]

W W4 WIRE WRAP



.030 THK.

Z WIRE LUG



.030 THK.

Z3 QUICK CONNECT

MATERIALS CHART

COMPONENT NAME	BASE MATERIAL	FINISH
CASE	DAP, 30-40% GF, RED, UL94 V-0, COSMIC D72/6120F	
FRAME	304 STAINLESS STEEL	
B TERMINALS & CONTACTS	C194 COPPER	GOLD OVER NICKEL
G TERMINALS & CONTACTS	C194 COPPER	GOLD OVER SILVER
Q TERMINALS & CONTACTS	C194 COPPER	SILVER
ACTUATOR	PHENOLIC, BLACK, UL94 V-1	
ROCKER CAP	NYLON, BLACK, UL94 V-1, NYTEX MG-2012N	
BUSHING & ACTUATOR LEVER	ZINC ALLOY K2	.000100-.000150 NICKEL
SPRING	MUSIC WIRE	
SUPPORT BRACKET	C2680H BRASS	TIN
PIVOT PIN	STEEL	NICKEL
TERMINAL SEAL	EPOXY, UL94 V-1, BOOM HOUSE S-9001A	

	A105J1AV2Q004	5-1571986-0
	A105J1AQ004	4-1571986-9
11	NOT ASSIGNED	4-1571986-8
12	A103J1AV2Q004MB	4-1571986-7
	A103J61ZQ0004	4-1571986-6
	A103J51ZQ0004	4-1571986-5
	A103J3ZQ004	4-1571986-4
	A103J2ZQ004	4-1571986-3
	A103J2CB004	4-1571986-2
	A103J1ZQ004	4-1571986-1
	A103J1V3Q004	4-1571986-0
	A103J1AV2Q004	3-1571986-9
	A103J1AV2B004	3-1571986-8
11	NOT ASSIGNED	3-1571986-7
	A101J61ZQ0004	3-1571986-6
	A101J51ZQ2004	3-1571986-5
	A101J51ZQ0004	3-1571986-4
	A101J51ZB0004	3-1571986-3
11	NOT ASSIGNED	3-1571986-2
	A101J51Z3Q0004	3-1571986-1
	A101J51Z3G0004	3-1571986-0
	A101J51CB0004	2-1571986-9
	A101J50ZQ004	2-1571986-8
11	A101J50V3Q204	2-1571986-7
	A101J50V3Q004	2-1571986-6
	A101J50AV2Q004	2-1571986-5
	A101J4ZQ804	2-1571986-4
	A101J4ZQ004	2-1571986-3
	A101J3ZQ004	2-1571986-2
	A101J3V3Q204	2-1571986-1
	A101J2ZQ004	2-1571986-0
	A101J2VB904	1-1571986-9
	A101J2AV2Q004	1-1571986-8
	A101J1ZQ004	1-1571986-7
	A101J1ZB004	1-1571986-6
	A101J1V3Q004	1-1571986-5
	A101J1V3B004	1-1571986-4
	A101J1CQ004	1-1571986-3
	A101J1CG004	1-1571986-2
	A101J1AV2Q004	1-1571986-1
	A101J1AV2B004	1-1571986-0
	A101J1AQ204	1571986-9
	A101J1AQ004	1571986-8
	A101J1AB004	1571986-7
11	NOT ASSIGNED	1571986-6
11	NOT ASSIGNED	1571986-5
11	NOT ASSIGNED	1571986-4
11	NOT ASSIGNED	1571986-3
11	NOT ASSIGNED	1571986-2
RY	A101J1AB004	1571986-1
	ALCO P/N	P/N

9	A101J1AV2Q004AM9	7-1571986-4
8	A101J1AV2Q004AM8	7-1571986-3
7	A101J1AV2Q004AM	7-1571986-2
	A108J61ZQ0004	7-1571986-0
	A108J51ZQ0004	6-1571986-9
	A108J1ZQ004	6-1571986-8
	A108J1V3Q004	6-1571986-7
	A107J61ZQ0004	6-1571986-6
	A107J51ZQ0004	6-1571986-5
	A105J61ZQ0004	6-1571986-4
	A105J61ZG0004	6-1571986-3
	A105J52ZQ2004	6-1571986-2
	A105J51ZQ0004	6-1571986-1
	A105J4ZQ004	6-1571986-0
	A105J3ZQ004	5-1571986-9
	A105J3CQ2004	5-1571986-8
	A105J3CQ004	5-1571986-7
	A105J2ZQ004	5-1571986-6
	A105J2AV2Q004	5-1571986-5
	A105J2AQ004	5-1571986-4
	A105J1ZQ004	5-1571986-3
	A105J1V3B004	5-1571986-2
	A105J1CQ004	5-1571986-1
	ALCO P/N	P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 06JAN05		TE Connectivity					
		CHK M.ZITTO 06JAN05							
		APVD M.ZITTO 06JAN05							
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		GEMINI A SERIES ROCKER SWITCH SINGLE POLE			
		0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± 0.25[0.01] 4 PLC ± — ANGLES ± 4°		PRODUCT SPEC —					
				APPLICATION SPEC —					
MATERIAL		FINISH		WEIGHT —		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
—		—				A2	00779	 1571986	—
CUSTOMER DRAWING						SCALE	SHEET	REV	
						2:1	5 of 5	A11	